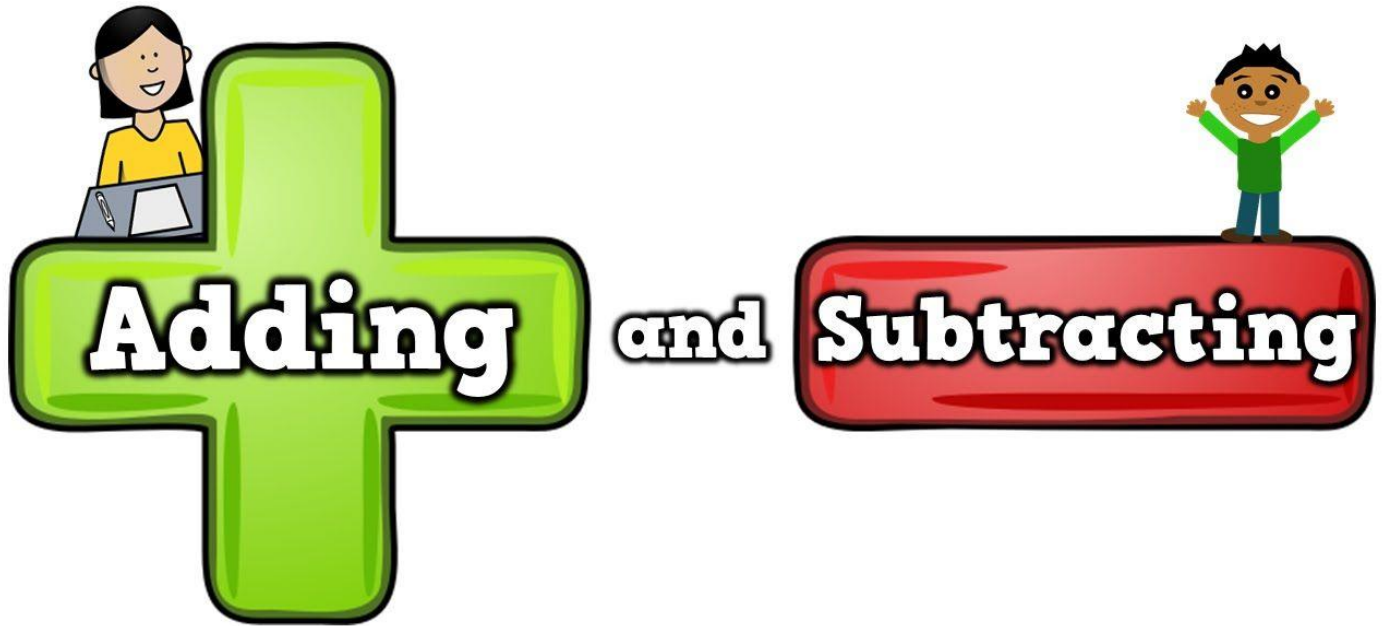


ADDITION AND SUBTRACTION



This week we will be focusing our attention on Addition and Subtraction. All of your maths activities will be based around this topic. You will have the opportunity to practice skills you have already learnt with your teacher over the year and then use those skills to solve problems and explain your answers.

We hope you enjoy them!

Monday 6TH July – Addition and subtraction warm up

Let's start the week off with a little warm up - complete all of the addition and subtraction questions on this page.

Adding ones to 3-digits

1. $136 + 3 =$ _____
2. $212 + 4 =$ _____
3. $381 + 6 =$ _____
4. $494 + 5 =$ _____
5. $533 + 4 =$ _____
6. $620 + 7 =$ _____
7. $725 + 4 =$ _____
8. $952 + 7 =$ _____
9. $165 + 8 =$ _____
0. $224 + 7 =$ _____
11. $388 + 6 =$ _____
12. $478 + 5 =$ _____

Adding tens to 3-digits

13. $564 + 80 =$ _____
14. $675 + 90 =$ _____
15. $761 + 70 =$ _____
16. $964 + 60 =$ _____
17. $102 +$ _____ $= 172$
18. $282 + 60 =$ _____
19. _____ $+ 30 = 424$
20. $488 + 40 =$ _____
21. $537 + 90 =$ _____
22. _____ $+ 30 = 686$
23. $770 +$ _____ $= 850$
24. $961 + 70 =$ _____

Subtracting ones from 3-digits

1. $166 - 3 =$ _____
2. $295 - 4 =$ _____
3. $307 - 5 =$ _____
4. $489 - 7 =$ _____
5. $578 - 4 =$ _____
6. $636 - 2 =$ _____
7. $794 - 3 =$ _____
8. $959 - 8 =$ _____
9. $145 - 8 =$ _____
0. $213 - 7 =$ _____
11. $383 - 5 =$ _____
12. $491 - 4 =$ _____

Subtracting tens from 3-digits

13. $537 - 50 =$ _____
14. $612 - 70 =$ _____
15. $727 - 60 =$ _____
16. $933 - 90 =$ _____
17. $134 -$ _____ $= 74$
18. $213 - 80 =$ _____
19. _____ $- 70 = 276$
20. $403 - 30 =$ _____
21. _____ $- 90 = 486$
22. $619 - 20 =$ _____
23. $717 -$ _____ $= 647$
24. $941 - 50 =$ _____

Tuesday 7TH July – Addition and subtraction (hundreds)

To start today off, calculate the answers to each question where you will need to add or subtract a hundreds number from a 3-digit number.

Adding hundreds to 3-digits

1. $163 + 500 =$ _____

2. $345 + 600 =$ _____

3. $582 + 400 =$ _____

4. $273 + 300 =$ _____

5. $561 + 200 =$ _____

6. $170 + 700 =$ _____

7. $207 + 500 =$ _____

8. $719 + 100 =$ _____

Subtracting hundreds from 3-digits

9. $268 - 200 =$ _____

10. $416 - 100 =$ _____

11. $547 - 300 =$ _____

12. $346 - 100 =$ _____

13. $564 - 400 =$ _____

14. $893 - 600 =$ _____

15. $507 - 500 =$ _____

16. $919 - 400 =$ _____

Challenge

Take any three digit number. You can subtract 100, 200, 300 or 400 once each, but you must not go below 0.

e.g. $672 - 100 = 572$, $572 - 300 = 272$, $272 - 200 = 72$.

100, 300 and 200 were subtracted to get to 72.

Can you always get to a number between or equal to 100 and 1?

If you use as many subtractions as possible are there any patterns?

1. Which questions are easy, which are hard?

$$453 + 10 = 930 - 100 =$$

$$493 + 10 = 910 - 120 =$$

Why are some easy and some hard?

Explain your reasons.

2. Are these number sentences true or false?

$$396 + 6 = 412$$

$$504 - 70 = 444$$

$$556 + 150 = 706$$

Explain your answers.

Wednesday 8th July – Column method

Use the column method to complete the following questions. No carrying over/exchanging is needed.

$$\begin{array}{r} 534 \\ + 45 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 213 \\ + 62 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 304 \\ + 84 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 672 \\ + 16 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 130 \\ + 56 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 802 \\ + 92 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 529 \\ + 50 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 281 \\ + 17 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 479 \\ - 18 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 337 \\ - 25 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 584 \\ - 61 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 478 \\ - 38 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 748 \\ - 16 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 563 \\ + 12 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 652 \\ - 32 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 569 \\ - 67 \\ \hline \\ \hline \end{array}$$

Thursday 9th July – Using inverse to check calculations

Remember that 'inverse' is where we use the opposite function. So if you need to check an addition calculation you can use subtraction to do this.

Calculate the answer to the following calculations and check by using the inverse (addition or subtraction). Choose the best method for you - column method, number line, near doubles etc.

34 23 57	16 59 75	92 45 137
_____ + _____ = _____	_____ + _____ = _____	_____ + _____ = _____
_____ + _____ = _____	_____ + _____ = _____	_____ + _____ = _____
_____ - _____ = _____	_____ - _____ = _____	_____ - _____ = _____
_____ - _____ = _____	_____ - _____ = _____	_____ - _____ = _____
87 240 153	393 240 153	616 240 153
_____ + _____ = _____	_____ + _____ = _____	_____ + _____ = _____
_____ + _____ = _____	_____ + _____ = _____	_____ + _____ = _____
_____ - _____ = _____	_____ - _____ = _____	_____ - _____ = _____
_____ - _____ = _____	_____ - _____ = _____	_____ - _____ = _____

Create two addition and two subtraction calculations from each set of three numbers, writing the full calculations in the given box.

26 97 123	86 134 48	364 213 151
652 589 63	572 801 229	371 912 1283

Friday 10th July – Estimating calculations

Estimated Answers

To answer the following questions decide which multiple of 10 each number is closest to and then add or subtract the numbers. Trying to answer quickly will help you to practise estimating rather than working the answer out.

Example

1. $32 + 59 =$

My estimate: $\boxed{30} + \boxed{60} = 90$

Estimating Addition:

1. $32 + 59 =$

My estimate: $\boxed{} + \boxed{} = \text{☁}$

2. $23 + 28 =$

My estimate: $\boxed{} + \boxed{} = \text{☁}$

3. $51 + 53 =$

My estimate: $\boxed{} + \boxed{} = \text{☁}$

4. $81 + 33 =$

My estimate: $\boxed{} + \boxed{} = \text{☁}$

5. $89 + 27 =$

My estimate: $\boxed{} + \boxed{} = \text{☁}$

6. $59 + 92 =$

My estimate: $\boxed{} + \boxed{} = \text{☁}$

7. $132 + 19 =$

My estimate: $\boxed{} + \boxed{} = \text{☁}$

8. $88 + 109 =$

My estimate: $\boxed{} + \boxed{} = \text{☁}$

9. $127 + 152 =$


My estimate: $\boxed{} + \boxed{} = \text{☁}$

10. $353 + 281 =$


My estimate: $\boxed{} + \boxed{} = \text{☁}$

Estimating Subtraction:


1. $58 - 32 =$

My estimate: - = 


2. $79 - 22 =$

My estimate: - = 


3. $104 - 51 =$

My estimate: - = 

4. $121 - 33 =$

My estimate: - = 


5. $129 - 27 =$

My estimate: - = 


6. $229 - 92 =$

My estimate: - = 


7. $132 - 17 =$

My estimate: - = 

8. $288 - 109 =$

My estimate: - = 

9. $257 - 152 =$

My estimate: - = 

10. $353 - 281 =$

My estimate: - = 